

CLAIMS

What is claimed is:

1. A belt for a papermaking machine having a wet paper web-contacting surface, and a shoe-contacting surface, said belt comprising a base body and a high molecular weight elastic section forming at least said shoe-contacting surface, said high molecular weight elastic section containing a powdery material, and the powdery material forming projections and recesses on the shoe-contacting surface.

2. A belt for a papermaking machine as claimed in claim 1, wherein the surface roughness Rz of said shoe-contacting surface is between 50 and 500 microns.

3. A belt for a papermaking machine as claimed in claim 1, wherein the particle diameter of said powdery material is between 5 and 500 microns.

4. A belt for a papermaking machine as claimed in claim 2, wherein the particle diameter of said powdery material is between 5 and 500 microns.

5. A belt for a papermaking machine as claimed in claim 1, wherein the content of said powdery material in the high molecular weight elastic section is between 5 and 50 percent by weight.

6. A belt for a papermaking machine as claimed in claim 2, wherein the content of said powdery material in the high molecular weight elastic section is between 5 and 50 percent by weight.

7. A belt for a papermaking machine as claimed in claim 3, wherein the content of said powdery material in the high molecular weight elastic section is between 5 and 50 percent by weight.

8. A belt for a papermaking machine as claimed in claim 4, wherein the content of said powdery material in the high molecular weight elastic section is between 5 and 50 percent by weight.

9. A belt for a papermaking machine as claimed in claim 1, wherein said powdery material comprises one or more materials selected from metal powdery materials, inorganic compound powdery materials, and resin powdery materials.

10. A belt for a papermaking machine as claimed in claim 2, wherein said powdery material comprises one or more materials selected from metal powdery materials, inorganic compound powdery materials, and resin powdery materials.

11. A belt for a papermaking machine as claimed in claim 3, wherein said powdery material comprises one or more materials selected from metal powdery materials,

inorganic compound powdery materials, and resin powdery materials.

12. A belt for a papermaking machine as claimed in claim 4, wherein said powdery material comprises one or more materials selected from metal powdery materials, inorganic compound powdery materials, and resin powdery materials.

13. A belt for a papermaking machine as claimed in claim 5, wherein said powdery material comprises one or more materials selected from metal powdery materials, inorganic compound powdery materials, and resin powdery materials.

14. A belt for a papermaking machine as claimed in claim 6, wherein said powdery material comprises one or more materials selected from metal powdery materials, inorganic compound powdery materials, and resin powdery materials.

15. A belt for a papermaking machine as claimed in claim 7, wherein said powdery material comprises one or more materials selected from metal powdery materials, inorganic compound powdery materials, and resin powdery materials.

16. A belt for a papermaking machine as claimed in claim 8, wherein said powdery material comprises one or more materials selected from metal powdery materials,

inorganic compound powdery materials, and resin powdery materials.

17. A belt for a papermaking machine as claimed in claim 1, wherein said powdery material comprises a lipophilic inorganic compound.

18. A belt for a papermaking machine as claimed in claim 1, wherein said powdery material comprises an oil-absorbing resin or lipophilic resin.